

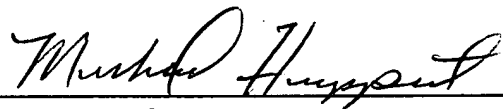
REMARKS

The present Preliminary Amendment is submitted in order to correct an obvious typographical error in the specification. No new matter has been added.

A copy of the amended portion of the specification with changes marked therein is attached and entitled "Version with Markings to Show Changes Made."

Respectfully submitted,

Masato YAMAMICHI et al.

By: 
Michael S. Huppert
Registration No. 40,268
Attorney for Applicants

MSH/kjf
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
April 30, 2002

which is included in the encryption function unit 1053.

*Pls
admit
4-30-02* (2) The decryption function unit ²⁰²²[2210] receives the encrypted connected information $E(F(m, Ra), Kp, r)$ from the receiving unit 201, and reads out the decryption key Ks from the decryption
5 key storage 2021.

*Pls
admit
4-30-02* (6) Next, the decryption function unit ²⁰²²[2210], using the read decryption key Ks , decrypts the received encrypted connected information $E(F(m, Ra), Kp, r)$ according to the decryption algorithm, so as to generate a decrypted connected information
10 $D(E(F(m, Ra), Kp, r), Ks)$, and outputs the decrypted connected information to the information removing unit 2250.

(3) The information removing unit 203

The information removing unit 203 stores a bit length $rLen$ in advance.

15 The information removing unit 203 receives the decrypted connected information $D(E(F(m, Ra), Kp, r), Ks)$ from the decrypting unit 202, and removes the additional information Ra from the decrypted connected information, by removing a bit row of the $rLen$ bit length from the end of the received decrypted
20 connected information $D(E(F(m, Ra), Kp, r), Ks)$, generates decrypted text from the remaining information after the additional information Ra is removed from the decrypted connected information, and outputs the generated decrypted text m' to the one-way operation unit 204. The information removing
25 unit 203 also writes the generated decrypted text m' on the